

DAT Conference Call Summary 4/15/2008

I. Participants

JSpeegle(FWS), JWhite(DFG), AChu(DWR), FFeyrer(DWR),
RShahcheraghi(DWR), GAasen (DFG), DAbellon (DWR), LBartoo (FWS),
RSitts (MWD), JSnow (WWD), NHindman (FWS), DCox (FWS)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 4/22/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: Reporting period 4/7-4/13:

Fall Chinook Passages estimate 3,367/day

Late Fall 315/day

Winter 67/day

Spring 617/day

Steelhead 33/day

Coleman Fish Hatchery is tentatively planning on releasing 6.275 million fall Chinook into Battle Creek starting 4/16/08. 25% are adclipped and coded wire tagged. Keep an eye out for them in the coming days and weeks.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: Total catch of fall and spring run sized salmon for the week was 523 fall run, which was very similar to the previous week. 14 steelhead (160-231mm) were collected. Flows are up from 235cfs to 334cfs due to snowmelt.

Deer Creek: No sampling completed.

Butte Creek: No report.

GCID: No report.

Knights Landing: 6 chinook salmon fry, plus one ad clipped fry, were collected for the week.

IV. Delta Monitoring

04/06/08 through 04/12/08

Sacramento MWTR, 3 days, 30 samples, 3 CHNF, 9 CHNS, 9 CHNT & 1 DSM (66 mm) Mossdale KDTR, 3 days, 30 samples, 16 CHNS & 3 CHNW Chipps MWTR, 2 days, 26 samples, 8 CHNS, 3 CHNW, 1 CHNT, 1 RBT (396 mm) & 2 SPLT

Lower Sacramento Seine, 1 day, 7 samples, 8 CHNF & 1 CHNS North Delta Seine, 1 day, 6 samples, No species of concern Central Delta Seine, 1 day, 8 samples, 1 CHNT & no other species of concern South Delta Seine, 1 day, 2 samples, No species of concern San Joaquin Seine, 1 day, 4 samples, No species of concern Bay Seine, 1 day, 0 samples, No species of concern

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

Survey 4

04/07 to 04/11

23 delta smelt, ranging in length from 60 to 78mm, average=72mm.
4 males (stages 3 and 4 [2 each]), 19 females (stages 3 to 6 [13 stage 4, 1 stage 6])
14 individuals at station 719
9 individuals at station 707

253 longfin smelt, ranging in length from 19 to 45mm, average=29mm

Supplemental Survey scheduled for 04/21 and 04/22

Survey 5 is scheduled for 05/05 to 05/09

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 2 was completed 04/01 to 04/04

Sample processing: in process

All 47 stations have at least 1 tow complete

25 stations with all tows complete

Delta smelt - 0 DS at this time

Longfin smelt - 2515 LFS collected at 37 stations. Length range 5-37mm, average= 16mm.

Survey 3 is currently in the field (04/14 to 04/18)

DSWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The DSWG met 4/14/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMT on 4/8/08

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 4/7/2008 to 4/13/2008

Chinook salmon:

No winter-run sized salmon were salvaged at the CVP and SWP.

Season total loss for nonclipped winter-run is 375 at the CVP and 890 at the SWP.

No fall-run sized salmon were salvaged at the CVP or SWP.

No late fall-run sized salmon were salvaged at the SWP or CVP.

Spring-run sized nonclipped salmon (207) were salvaged at the CVP.

Spring-run sized nonclipped salmon (80) were salvaged at the SWP.

No spring-run sized clipped salmon were salvaged at CVP or SWP

Season total loss for all races for both facilities is 5962 ad clipped and 2957 unclipped salmon

Steelhead:

Compared to last reporting period, the daily numbers of salvaged steelhead are lower (6 vs.19) at the SWP and the CVP (16 vs. 32).

For the period of reporting, at the SWP, the salvage total of clipped steelhead is 0 and for nonclipped is 6.

For the period of reporting, at the CVP, the salvage total clipped steelhead is 8 and for nonclipped is 8.

Seasonal total salvage for CVP is 1566 clipped and 261 nonclipped steelhead

Seasonal total salvage for SWP is 1218 clipped and 585 nonclipped steelhead

Delta smelt:

No juvenile or adult delta smelt were salvaged at either facility for the period of reporting.

Seasonal salvage totals are 252 for CVP and 98 for SWP

One delta smelt larva less than 20 mm was sampled at the CVP on 4/10/2008.

Longfin smelt:

Juvenile longfin smelt were salvaged at the CVP for the period of reporting.

Seasonal salvage totals are 83 for CVP and 40 for SWP

Longfin smelt larva less than 20 mm were sampled on 4/11/2008, 4/12/2008, and 4/13/2008.

Sacramento splittail:

Both CVP and SWP reported salvaging Sacramento splittail during this period.

For this reporting period, salvage totals for splittail was 144 for SWP which was a decrease from the last reporting period (198). Eight splittail were salvaged at the CVP which was also a decrease from the last reporting period (12).

Total seasonal salvage for both facilities was 4763.

No green or white sturgeon were salvaged at the CVP or the SWP for the period of reporting.

Additional notes:

The temperature gauge at SWP was not accurate during all salvage times for 4/7/2008. 1000-1015 am=Acoustic receiver was replaced at CVP. No salvage occurred during this time period.

VII. Operations

SWP Delta Ops Summary: <http://swpoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 1,000cfs.

Oroville – 3,250cfs

San Luis - SWP share of San Luis capacity is 901 taf.

X2 - ~ 78.6 km

E/I - 14-day ~11.8%

CVP:

Jones PP – 800cfs

DCC - closed.

Trinity – 300cfs

Clear Creek – 200cfs

Keswick – 7000 cfs and increasing today to 7500 cfs

Nimbus – 1200cfs

Goodwin –1250 cfs and increasing today to 1500 cfs

San Luis - CVP share of capacity is 722 taf.

Flows:

Sacramento River at Freeport ~ 11,885cfs

Fremont Weir ~ 0

San Joaquin River at Vernalis ~ 2,047cfs

Delta Outflow ~ 11,600cfs. 3-day average is 12,200cfs.

Old & Middle River flow ~ 7-day average is -1,338 cfs as of April 14th
(provisional estimate is -1,686cfs as of April 12th).

Temperature:

Daily average for 4/14/08

Antioch ~ 16.6C

Rio Vista ~ 17.2C

Mossdale ~ 18.8C

3-Station Average ~ 17.5C

VAMP is scheduled to start April 22 but at this time it is uncertain whether the Vernalis target flow will be 2,000 cfs or 3,200 cfs. A decision on the target flow is expected on Friday April 18.

VIII. Delta Water Quality

The Delta was declared to be in "balanced condition" as of April 10, 2008. Salinity in the Delta is generally okay and continues to remain below concern levels with exception of South Delta.

Chipps Island X2 standard:

The standard for April requires 21 days at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs. As of 4/14/08, 11 days have been met.

E/I:

35%

Delta Cross Channel:

The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook.

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L are projected to be required for 165 days per year.

South Delta:

30-day average EC \leq 0.7 mS/cm.

Suisun Marsh:

\leq 11.0 mS/cm.

West Delta Salinity:

Emmaton, Jersey Point, Terminous, San Andreas: 14-day average EC \leq 0.45 mS/cm

San Joaquin Salinity:

14-day average EC \leq 0.44 mS/cm

VAMP:

Starts on April 22nd.

1,500cfs combined exports.

Approximately 3,000-4,000 pulse flow depending on water year type.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>